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OM protein - protein search, using sw model

Run on: February 16, 2005, 16:27:09 ; Search time 19.1743 Seconds
(without alignments)
1479.409 Million cell updates/sec

Title: US-10-003-356-5
Perfect score: 1986
Sequence: 1 LPHSVCTDVCPFGTGRGFVQ.....TVSTVLDORVLYMCPKLQ 380

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:*

- 1: /cgn2_6/prodata/1/iaa/5A COMB.pep:*
- 2: /cgn2_6/prodata/1/iaa/5B COMB.pep:*
- 3: /cgn2_6/prodata/1/iaa/6A COMB.pep:*
- 4: /cgn2_6/prodata/1/iaa/6B COMB.pep:*
- 5: /cgn2_6/prodata/1/iaa/6C COMB.pep:*
- 6: /cgn2_6/prodata/1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	796.5	40.1	835	4	US-09-619-353-7
2	783.5	39.5	851	4	US-09-619-353-12
3	771.5	38.8	856	4	US-09-619-353-8
4	760.5	38.3	854	4	US-09-619-353-10
5	736.5	37.1	1027	3	US-09-162-021B-2
6	736.5	37.1	1027	4	US-10-268-051-8
7	722.5	36.4	1059	3	US-09-134-513-2
8	714.5	36.0	1079	1	US-08-485-588-8
9	714.5	36.0	1079	2	US-08-484-565-8
10	714.5	36.0	1079	2	US-08-480-751-8
11	714.5	36.0	1079	3	US-08-943-986-8
12	714.5	36.0	1079	3	US-08-353-784-8
13	714.5	36.0	1079	3	US-08-484-719B-8
14	711.5	35.8	1078	1	US-08-484-159-8
15	711.5	35.8	1078	1	US-08-485-588-7
16	711.5	35.8	1078	1	US-08-484-565-7
17	711.5	35.8	1078	2	US-08-480-751-7
18	711.5	35.8	1078	2	US-08-943-986-7
19	711.5	35.8	1078	3	US-08-353-784-7
20	711.5	35.8	1078	3	US-08-484-719B-7
21	711.5	35.8	1078	3	US-08-484-159-7
22	711.5	35.8	1088	1	US-08-485-588-6
23	711.5	35.8	1088	1	US-08-484-565-6
24	711.5	35.8	1088	2	US-08-480-751-6
25	711.5	35.8	1088	2	US-08-943-986-6
26	711.5	35.8	1088	3	US-08-353-784-6
27	711.5	35.8	1088	3	US-08-484-719B-6

28	711.5	35.8	1088	3	US-08-484-159-6	Sequence 6, Appli
29	709.5	35.7	1085	1	US-08-485-588-5	Sequence 5, Appli
30	709.5	35.7	1085	1	US-08-484-565-5	Sequence 5, Appli
31	709.5	35.7	1085	2	US-08-480-751-5	Sequence 5, Appli
32	709.5	35.7	1085	2	US-08-943-986-5	Sequence 5, Appli
33	709.5	35.7	1085	3	US-08-353-784-5	Sequence 5, Appli
34	709.5	35.7	1085	3	US-08-484-719B-5	Sequence 5, Appli
35	709.5	35.7	1085	3	US-08-484-159-5	Sequence 5, Appli
36	605.5	30.5	1058	2	US-08-687-289A-5	Sequence 5, Appli
37	605.5	30.5	1058	4	US-09-435-897-5	Sequence 5, Appli
38	572.5	28.8	863	4	US-09-619-353-14	Sequence 14, Appli
39	570	28.7	877	4	US-09-619-353-2	Sequence 2, Appli
40	484.5	24.4	975	4	US-09-695-481-4	Sequence 4, Appli
41	475.5	23.9	1219	2	US-08-687-289A-6	Sequence 6, Appli
42	475.5	23.9	1219	4	US-09-435-897-6	Sequence 6, Appli
43	414.5	20.9	879	1	US-08-072-574-6	Sequence 6, Appli
44	414.5	20.9	879	1	US-08-486-270-6	Sequence 6, Appli
45	414.5	20.9	879	3	US-08-367-264-6	Sequence 6, Appli

ALIGNMENTS

RESULT 1

US-09-619-353-7

; Sequence 7, Application US/09619353

; Patent No. 6410249

; GENERAL INFORMATION:

; APPLICANT: Ngai, John

; APPLICANT: Specia, David J.

; APPLICANT: Lin, David M.

; APPLICANT: Isacoff, Ehud Y.

; APPLICANT: Dittman, Andrew H.

; APPLICANT: Fan, Jinhong

; TITLE OF INVENTION: Odorant Receptors

; FILE REFERENCE: B99-038-2

; CURRENT APPLICATION NUMBER: US/09/619,353

; PRIOR FILING DATE: 2000-07-19

; PRIOR APPLICATION NUMBER: 60/144,766

; PRIOR FILING DATE: 1999-07-20

; NUMBER OF SEQ ID NOS: 14

; SOFTWARE: Patentin ver. 2.1

; SEQ ID NO 7

; LENGTH: 835

; TYPE: PRT

; ORGANISM: Carassius auratus

US-09-619-353-7

Query Match 40.1%; Score 796.5; DB 4; Length 835;

Best Local Similarity 43.5%; Pred. No. 4.6e-65;

Matches 147; Conservative 72; Mismatches 118; Indels 1; Gaps 1;

QY 2 PHSVCTDVCPFGTGRGFVQREPICCFDSIPCADGHVSRKPKGRCCECCEDYWSNAQSE 61

496 PNSVCSSECLPQTRKAAQKGRVCCYDPCPAEGISINETSNNCKQCPREYWSNAETK 555

QY 62 CVLKEVYLAVDEALGFTLVILSVFGAVLAVTAVYVTHRTPLVNASDWOLGFLIOVS 121

556 CVLKAVEFLSFTVNGIVLAFSLFGAGLTALVALFVPMRDTPIVKANNSELFLFLFS 615

QY 122 LTIMLSSMLFDKPHNWSMAGQVTLALGFSCLSLCLGKTSLSLFLAYRISKTKQLTS 181

616 LTLCLSLTFIQGQNEWSCLMRHTAFGITFVLCSVLGKTIIVLMAPKATLPQSNVMK 675

QY 182 -MHPYRKIIIVLSVLAIGICTAVLLEPPMWNKMSQNTKILGCMNEISIEFLYSNF 240

676 WFGPAQRSLVALTFIQLICVLWLITSPPPYKMKYFKKILLECGLSGSSISFWAVL 735

QY 241 GIDAFIALICFTTTFVARQLPNYEGKCTIGMLVFFLIWMSFVYVLTSGKPKMAVE 300

736 GYIGLLAVLCFLIALFARTLPDNEAKPITFSMLIFCAVWITFTPAYVSSFGKYTVAVE 795

QY 301 IFAILASSHGLGICFAPKCLLIILLRPERNTSEIVCGR 338

D**b** 796 IFAILASSFGLLFCIFAPKCYIILLKPDONTTKHMMGK 833

RESULT 2.

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US-09-619-353-12
; Sequence 12, Application US/09619353
; Patent No. 6410249
; GENERAL INFORMATION:
; APPLICANT: Ngai, John
; APPLICANT: Specia, David J.
; APPLICANT: Lin, David M.
; APPLICANT: Iscoffi, Ehud Y.
; APPLICANT: Dittman, Andrew H.
; APPLICANT: Fan, Jinhong
; TITLE OF INVENTION: Odorant Receptors
; FILE REFERENCE: B99-038-2
; CURRENT APPLICATION NUMBER: US/09/619,353
; PRIORITY FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/144,766
; PRIOR FILING DATE: 1999-07-20
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 12
; LENGTH: 851
; TYPE: PRT
; ORGANISM: Carassius auratus
US-09-619-353-12

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Db 571 RCVLKVEFSLYTEINGMVLCSFSTGVLTLTAMVSEFLYHKEHTPTVRANNSLSFLLLF 630
Qy 121 SLIIMLSSMLFIDKPHNSCMAGQVTLALGFSCLSLGKTSLLFLAYRISKSQTOLT 180
Db 631 SLISLCLSLTFTGRTELSMLRHTAFGTTVLCISCVLGTLLVLMFRAITLPGSDVM 690
Qy 181 S-MHPYLRKIIVLSVLAIEGICITAYLILEPPMVYKNMESONTKIILGNEISIEFLYSM 239
Db 691 KWFPAQORLSVSLTLQIVIVCVLMTISPPPPYMNLSVYREKILIECNVGSALGFMTV 750
Qy 240 FGIDAFALLCFLTTTAVARQLPDNYEGKICITFGMLVFFIWMSPVYVLSLTKGFKMAV 299
Db 751 LCVTGLSLCLFLAFALAKLPDNEAKFITFSLIFCAVMTLTPAYVSPGKFTAV 810
Qy 300 EIFAILASSHGLGCIAPKCLIIILRPERNTSEIVCGRVST 341
Db 811 EIFAILVSSFGLLFCIPAPKCYIILLKPKNTKQWNGKSS 852

RESULT 5

US-09-162-021B-2

; Sequence 2, Application US/09162021B

; Patent No. 6337391

; GENERAL INFORMATION:

; APPLICANT: H. William Harris

; APPLICANT: Edward M. Brown

; APPLICANT: Steven C. Hebert

; TITLE OF INVENTION: Polycation-Sensing Receptor in Aquatic

; TITLE OF INVENTION: Species and Methods of Use Thereof

; FILE REFERENCE: 2856.1001-007

; CURRENT APPLICATION NUMBER: US/09/162,021B

; CURRENT FILING DATE: 1998-09-28

; PRIOR APPLICATION NUMBER: PCT/US97/05031

; PRIOR FILING DATE: 1997-03-27

; PRIOR FILING DATE: 1998-03-27

; NUMBER OF SEQ ID NOS: 19

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 2

; LENGTH: 1027

; TYPE: PRT

; ORGANISM: Squalus acanthias

US-09-162-021B-2

Query Match 37.1%; Score 736.5; DB 3; Length 1027;
Best Local Similarity 38.7%; Pred. No. 2.2e-59;
Matches 148; Conservative 73; Mismatches 134; Indels 27; Gaps 5;

Qy 1 LPHSVCTDVPPTGTRGVQREBPCFDSIPCADGHVSRKPGERECEQCGEDYWSNAQKS 60
Db 545 VPPSNCSDCVPTGRKGIIIEGPTCCFECMACABEGFSDENDASACTKCPNDFWSNENHT 604
Qy 61 ECVLKEVEVLADALGFTLVILSVFGAFVLAATVAVYVHRTPLVNASDMLGFLIOV 120
Db 605 SCIAKEIYLSWTEPFEGIALTFVAVLGILITSFVLGVFKFRNTPIVKATNELSVLLF 664
Qy 121 SLIIMLSSMLFIDKPHNSCMAGQVTLALGFSCLSLGKTSLLFLAYRISKSQTOLT 180
Db 665 SLICCFSSLLIFGEPRDWTCLRQPAFGISFVLCISLVKTNRVLLVFE-AKIPTS-- 721
Qy 181 SMHPLYRK-----IIVLSVLAIEGICITAYLILEPPMVYKNMESONTKIILGNEIS 232
Db 722 ----LHRKWVGLNLQFLVFLCIVITVCIILWYTAPPSSYRNHELEDEVIFITCDEGS 777
Qy 233 IEFLYSMFIDAFALLCFLTTTAVARQLPDNYEGKICITFGMLVFFIWMSPVYVLSLTK 292
Db 778 LMAIGFLIGYTCLLAAICFFFAFKSRKLPENFEAKFITFSLMIFPIVWISIPAYVSTY 837
Qy 293 GKFKMAVEIFAILASSHGLGCIAPKCLIIILRPERNTSEIVCGRVSTTDCIQLTSAP 352
Db 838 GKFSVAVEVIALASSFGLGCIYFNKCYIILLKPKCRNTIEEV--RCSTAAAHAFKVAARA 895

Db 597 SCTAKIEBFLAWTEPPGIALTLFAVLGIFITAFVLGVFIKFRNTPIVKATNRSLSYLLLF 656
QY 121 SLIIMLSSMLFIDKPHNWSMAGQVTLALGSLCLSLGKTSLSFLAYRISKSTQLT 180
Db 657 SLIIMLSSMLFIDKPHNWSMAGQVTLALGSLCLSLGKTSLSFLAYRISKSTQLT 180
QY 181 SMPLRYK-----IIVLSVLAIGICTAYLLEPPMVYKMSQNTKIILGNEIS 232
Db 713 SFH---RKWGLNLQFLVCTFMQILCIILWYTAPPSSYRNHEDEIIFITCHEGS 769
QY 233 IEFYSMFGIDAFALLCFLTTFVARQLPDNYVEGKTIIFGLAVFPIIWMSPVYVLSK 292
Db 770 LMAIGSLIGYTCLLAICFFPAKSKLPENFEAKFITFSLMFIIVWISFIPAYASTY 829
QY 293 GKFMVAVEIFAILASHHGLGCIIPAKKCIILRLPERNTSEIVCGRVSTTDCIQLTSF 352
Db 830 GKFSVAVEVIALAASFGLLACIFFNKVYIILFKPSRNTIEEV--RSSTAHAFAKVAARA 887
QY 353 V-----SSELNNTTVS 363
Db 888 TLRRPNISKRSSSLGGSTGS 908

RESULT 9
US-08-484-565-8
; Sequence 8, Application US/08484565
; Patent No. 5763569
; GENERAL INFORMATION:
; APPLICANT: Edward M. Brown
; APPLICANT: Steven C. Hebert
; APPLICANT: James E. Garrett, Jr.
; TITLE OF INVENTION: CALCIUM RECEPTOR-ACTIVE
; TITLE OF INVENTION: MOLECULES
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: First Interstate World Center
; STREET: Suite 4700
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: FASTSEQ
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/484,565
; FILING DATE: 7 June, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below: 9
; APPLICATION NUMBER: 08/353,784
; FILING DATE: 9 December, 1994
; APPLICATION NUMBER: PCT/US/94/12117
; FILING DATE: 21 October, 1994
; APPLICATION NUMBER: U.S. 08/292,827
; FILING DATE: 23 August, 1994
; APPLICATION NUMBER: U.S. 08/141,248
; FILING DATE: 22 October, 1993
; APPLICATION NUMBER: U.S. 08/009,389
; FILING DATE: 23 February, 1993
; APPLICATION NUMBER: U.S. 08/017,127
; FILING DATE: 12 February, 1993
; APPLICATION NUMBER: U.S. 07/934,161
; FILING DATE: 21 August, 1992
; APPLICATION NUMBER: U.S. 07/834,044
; FILING DATE: 11 February, 1992
; APPLICATION NUMBER: U.S. 07/749,451
; FILING DATE: 23 August, 1991

ATTORNEY/AGENT INFORMATION:
; NAME: Hebert, Sheldon O.
; REGISTRATION NUMBER: 38,179
; REFERENCE/DOCKET NUMBER: 213/006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1079 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-484-565-8

Query Match 36.0%; Score 714.5; DB 1; Length 1079;
Best Local Similarity 38.3%; Pred. No. 2.5e-57;
Matches 146; Conservative 71; Mismatches 137; Indels 27; Gaps 6;

QY 1 LPHSVCTDVCPPGTGRGVQREPICCFDSIPCADGHVSRKPGERECEQGEDYWSNAQKS 60
Db 537 VFPNSCSRDCQAGTRKGIIEGEPTCCFEVCPEGDEYSGTSDASACDKCPDDFWSNHT 596
QY 61 ECVLKEVEYLAYDEALGFTLVILSVFGAFVLAIVTAIVYVHRHTPLVNASDMQLGFLIQ 120
Db 597 SCTAKIEBFLAWTEPPGIALTLFAVLGIFITAFVLGVFIKFRNTPIVKATNRSLSYLLLF 656
QY 121 SLIIMLSSMLFIDKPHNWSMAGQVTLALGSLCLSLGKTSLSFLAYRISKSTQLT 180
Db 657 SLIIMLSSMLFIDKPHNWSMAGQVTLALGSLCLSLGKTSLSFLAYRISKSTQLT 180
QY 181 SMPLRYK-----IIVLSVLAIGICTAYLLEPPMVYKMSQNTKIILGNEIS 232
Db 713 SFH---RKWGLNLQFLVCTFMQILCIILWYTAPPSSYRNHEDEIIFITCHEGS 769
QY 233 IEFYSMFGIDAFALLCFLTTFVARQLPDNYVEGKTIIFGLAVFPIIWMSPVYVLSK 292
Db 770 LMAIGSLIGYTCLLAICFFPAKSKLPENFEAKFITFSLMFIIVWISFIPAYASTY 829
QY 293 GKFMVAVEIFAILASHHGLGCIIPAKKCIILRLPERNTSEIVCGRVSTTDCIQLTSF 352
Db 830 GKFSVAVEVIALAASFGLLACIFFNKVYIILFKPSRNTIEEV--RSSTAHAFAKVAARA 887
QY 353 V-----SSELNNTTVS 363
Db 888 TLRRPNISKRSSSLGGSTGS 908

RESULT 10
US-08-480-751-8
; Sequence 8, Application US/08480751
; Patent No. 5856684
; GENERAL INFORMATION:
; APPLICANT: Edward F. Nemeth
; APPLICANT: Edward M. Brown
; APPLICANT: Steven C. Hebert
; APPLICANT: Forrest H. Fuller
; APPLICANT: James E. Garrett, Jr.
; TITLE OF INVENTION: CALCIUM RECEPTOR-ACTIVE
; TITLE OF INVENTION: MOLECULES
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: First Interstate World Center
; STREET: Suite 4700
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage

COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: FASTSEQ
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/480,751
 FILING DATE: 7 June, 1995
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA: including application
 PRIOR APPLICATION DATA: described below: 9
 APPLICATION NUMBER: 08/353,784
 FILING DATE: 9 December, 1994
 APPLICATION NUMBER: PCT/US/94/12117
 FILING DATE: 21 October, 1994
 APPLICATION NUMBER: U.S. 08/292,827
 FILING DATE: 23 August, 1994
 APPLICATION NUMBER: U.S. 08/141,248
 FILING DATE: 22 October, 1993
 APPLICATION NUMBER: U.S. 08/009,389
 FILING DATE: 23 February, 1993
 APPLICATION NUMBER: U.S. 08/017,127
 FILING DATE: 12 February, 1993
 APPLICATION NUMBER: U.S. 07/934,161
 FILING DATE: 21 August, 1992
 APPLICATION NUMBER: U.S. 07/834,044
 FILING DATE: 11 February, 1992
 APPLICATION NUMBER: U.S. 07/749,451
 FILING DATE: 23 August, 1991
 ATTORNEY/AGENT INFORMATION:
 NAME: Heber, Sheldon O.
 REGISTRATION NUMBER: 38,179
 REFERENCE/DOCKET NUMBER: 213/004
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 8:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1079 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-480-751-8

Query Match 36.0%; Score 714.5; DB 2; Length 1079;
 Best Local Similarity 38.3%; Pred. No. 2.5e-57;
 Matches 146; Conservative 71; Mismatches 137; Indels 27; Gaps 6;
 QY 1 LPHSVCTDVCPPGTRGFGVQREPICCFDSIPCADGHVSRKPGRECEQCGEDYWSNAQKS 60
 Db 537 VFFNCRDCCOAGTRKGIIEGPTCCFCEVCEPDGEYSGTDSASACDKCPDFWSNENHT 596
 QY 61 ECVLKEVEYLAYDRALGFTLVILSVFCAFVVLAVTAVVYVHRTPLVNASDQGLGIQV 120
 Db 597 SCIAKEIEFLAWTEPFGLATLFAVLGIFLTAFLGVFKFRTPVKAIRNELSVLLF 656
 QY 121 SLIMLSSMLFDKPHNWSMAGQVTLALGFLSLCLGKTSLSFLAYRISKSTQIT 180
 Db 657 SLCCFSSSLFFIGEPODWTCLRLQPAFGISFVLICISLVKTNVLLVP---EAKIP-T 712
 QY 181 SMHPLYRK-----IIVLSVLAETGCTAVLILEPPMVYKNMESQTKILGNEIS 232
 Db 713 SFH---RWKGLNLQFLVFLCTFMQLICIIMLTAPFSSYRNHEDEIIFITCHEGS 769
 QY 233 IEFLYSMFGIDAFALALCLFTTEVARQLPDNYVEGKCTIFGMLVFFIIMWSFVPLVSK 292
 Db 770 LMAGLSLIGVTCLLAACPPFAFKSKLPENFNEAKFITFMSLIPFIWISIPAYASTY 829
 QY 293 GKFWAVEIIFAILASHGLIGCIIPAKCIIILIRPERNTSEIVCGRVSTNDNCIQLTSF 352
 Db 830 GKFWAVEIIFAILASHGLIGCIIPAKCIIILIRPERNTSEIVCGRVSTNDNCIQLTSF 352
 QY 353 V-----SSLNNTTVS 363

Db 888 TLRRPNISRRSSSLGGSTGS 908
 RESULT 11
 US-08-943-986-8
 Sequence 8, Application US/08943986
 Patent No. 5962314
 GENERAL INFORMATION:
 APPLICANT: Edward M. Brown
 APPLICANT: Steven C. Hebert
 APPLICANT: James E. Garrett, Jr.
 TITLE OF INVENTION: CALCIUM RECEPTOR-ACTIVE
 MOLECULES
 NUMBER OF SEQUENCES: 20
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: First Interstate World Center
 STREET: Suite 4700
 STREET: 633 West Fifth Street
 CITY: Los Angeles
 STATE: California
 COUNTRY: USA
 ZIP: 90071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: FASTSEQ
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/943,986
 FILING DATE: 03-OCT-1997
 CLASSIFICATION: 530
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/484,565
 FILING DATE: 7-June-1995
 APPLICATION NUMBER: 08/353,784
 FILING DATE: 9 December, 1994
 APPLICATION NUMBER: PCT/US/94/12117
 FILING DATE: 21 October, 1994
 APPLICATION NUMBER: U.S. 08/292,827
 FILING DATE: 23 August, 1994
 APPLICATION NUMBER: U.S. 08/141,248
 FILING DATE: 22 October, 1993
 APPLICATION NUMBER: U.S. 08/009,389
 FILING DATE: 23 February, 1993
 APPLICATION NUMBER: U.S. 08/017,127
 FILING DATE: 12 February, 1993
 APPLICATION NUMBER: U.S. 07/934,161
 FILING DATE: 21 August, 1992
 APPLICATION NUMBER: U.S. 07/834,044
 FILING DATE: 11 February, 1992
 APPLICATION NUMBER: U.S. 07/749,451
 FILING DATE: 23 August, 1991
 ATTORNEY/AGENT INFORMATION:
 NAME: Heber, Sheldon O.
 REGISTRATION NUMBER: 38,179
 REFERENCE/DOCKET NUMBER: 213/006
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 8:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1079 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-943-986-8

Query Match 36.0%; Score 714.5; DB 2; Length 1079;
 Best Local Similarity 38.3%; Pred. No. 2.5e-57;
 Matches 146; Conservative 71; Mismatches 137; Indels 27; Gaps 6;

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